

Date: Mon, 15 Feb 93 03:51:48 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #213
To: Info-Hams

Info-Hams Digest Mon, 15 Feb 93 Volume 93 : Issue 213

Today's Topics:

 Alinco DJ-580 mods
 APT-Satellites: Status FEB 13, 1993
 Conflict of "FROM" field on packet message
 Daily Solar Geophysical Data Broadcast for 14 February
 EME
 FAA Radar power?
 ham.njit.edu
 Icom R1 Scanner for sale with goodies.
 Need help tuning TS690S
 QRP amplifier ---> shorting stick
 RTTY Elmer needed
 TH-78A query
 Welcome to rec.radio.info!
 Yeadu FT-5100 questions

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Feb 1993 01:30:01 -0800
From: agate!stanford.edu!morrow.stanford.edu!morrow.stanford.edu!not-for-mail@ames.arpa
Subject: Alinco DJ-580 mods
To: info-hams@ucsd.edu

Please point me at the Alinco DJ-580 mods. Thanks.

Steve Eastman

Systems Programmer
Research Libraries Group, Inc.\Stanford University
1200 Villa Street
Mountain View, CA USA 94041-1100
BR.SJE@RLG.BITNET or BR.SJE@Forsythe.Stanford.Edu
(415) 864-1019 (home vox)
(415) 691-2387 (work vox)
(415) 964-0943 (work fax)
Home: 346 South Van Ness Avenue
San Francisco, CA USA 94103

"9th Amendment

The enumeration in the Constitution of certain rights shall not
be construed to deny or disparage others retained by the people."

Date: Mon, 15 Feb 1993 08:49:35 GMT
From: math.fu-berlin.de!news.netmbx.de!Germany.EU.net!gmd.de!
henne%fit.gmd.dbp.de@uunet.uu.net
Subject: APT-Satellites: Status FEB 13, 1993
To: info-hams@ucsd.edu

Observed at station 50.7 NLat, 7.1 ELon, FEB 13, 1993

NOAA-9: APT 137.62 On
NOAA-10: APT 137.50 ON again
NOAA-11: APT 137.62 On
NOAA-12: APT 137.50 On
Meteor 3-3: APT 137.85 On
Meteor 3-4: APT 137.30 On

Meteor 3-3: good vis-images at morning ascending and
IR during evening descending passes. Meteor 3-4: Good
vis-images during noon descending pass. VHF-Conflict
NOAA-10/NOAA-12 ended, APT NOAA-10 is active again.

|Peter Henne (henne@fit.gmd.dbp.de) |
|German Nat.Research Center.f.Comp.Science |
|D-5205 St.AUGUSTIN 1 |
|Fed.Rep. of Germany |

Date: 15 Feb 93 08:49:49 GMT
From: ogicse!emory!swrinde!gatech!darwin.sura.net!rouge!cfm1471@network.UCSD.EDU
Subject: Conflict of "FROM" field on packet message

To: info-hams@ucsd.edu

Recently I sent a message to a friend of mine from my university here that was destined for the packet network. When my message was received by the KD5SL bbs in Baton Rouge, its integrity was questioned because the "from" field contained my internet address, instead of my callsign. The message has since been corrected, and i will NOT attempt to mail a message this way again, but my question is this. If i am not doing the actual transmitting, (PBBS to PBBS), then why must MY callsign be on the packet. Is it legal to send NTS traffic, or third party traffic to others in the U.S.? NTS messages must surely have "incorrect" to fields, because NTSLA NTSCA, NTSTX, to name 3 out of 50, and 70506 (my zip here) are not valid callsigns either. Why would the FCC mind if the K5ARH pbbs is forwarding a message from cfm1471 instead of KI5XP, to the KD5SL pbbs? All of the transmissions contain valid callsigns, because the only transmissions are being made by the pbbs's.

Just getting a "second opinion"...

Charlie
ki5xp@ucs.usl.edu

Date: 15 Feb 93 05:08:03 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 14 February
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 045, 02/14/93
10.7 FLUX=141 90-AVG=139 SSN=120 BKI=2322 1011 BAI=005
BGND-XRAY=B7.5 FLU1=4.5E+05 FLU10=1.0E+04 PKI=2311 1121 PAI=005
BOU-DEV=011,021,013,011,008,004,006,008 DEV-AVG=010 NT SWF=01:011
XRAY-MAX= M2.0 @ 1258UT XRAY-MIN= B5.7 @ 1648UT XRAY-AVG= C1.4
NEUTN-MAX= +002% @ 1650UT NEUTN-MIN= -002% @ 2350UT NEUTN-AVG= +0.0%
PCA-MAX= +0.2DB @ 0130UT PCA-MIN= -0.5DB @ 1820UT PCA-AVG= +0.0DB
BOUTF-MAX=55413NT @ 1508UT BOUTF-MIN=55386NT @ 1903UT BOUTF-AVG=55406NT
GOES7-MAX=P:+107NT@ 1848UT GOES7-MIN=N:+003NT@ 0346UT G7-AVG=+078,+032,+010
GOES6-MAX=P:+121NT@ 1754UT GOES6-MIN=E:-004NT@ 1951UT G6-AVG=+089,+006,+042
FLUXFCST=STD:135,130,125;SESC:135,130,125 BAI/PAI-FCST=005,005,010/010,010,010
KFCST=1112 2111 1112 2111 27DAY-AP=008,014 27DAY-KP=1222 2233 3323 3343
WARNINGS=*MAJFLR;*SWF;*PROTON;*PCA
ALERTS=**MINFLR:M2.0/2B@1258UTC,S22E78(RGN7427)
!!END-DATA!!

Date: 14 Feb 93 19:42:00 GMT

From: twwells!pics!james.mollica@RUTGERS.EDU
Subject: EME
To: info-hams@ucsd.edu

Hello Michael. Sorry to hear about the power failure during the EME test. I wanted to give it a go with a 40cx and 180w output. Hope you plan to put the dish on the air again. I can be found on A0-13 with the dx group on 890 anytime. I plan to order REALTRAK via OSR for EME in the near future. Tnx es 73, N2NRD.

JIM

* 1st 1.01 * 1stReader: On the cutting edge of software evolution.

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+-----+
| Pics OnLine MultiUser System   (609)753-2540 HST   609-753-1549 (V32) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups   |
+-----+
```

Date: Mon, 15 Feb 1993 09:32:07 GMT
From: usc!zaphod.mps.ohio-state.edu!swrinde!gatech!concert!samba!
usenet@network.UCSD.EDU
Subject: FAA Radar power?
To: info-hams@ucsd.edu

Being a new radio-geek (er..sorry...amateur radio operator), I've found it interesting to personally visit some of the local radio sites to stare at antennas, and combine some goofing off and 4WDing.

Tonight a freind and I visited a local site, but it was dark and we got kinda turned around and ended up on the wrong peak (two adjacent peaks) and wound up at an FAA Radar Station (Black Mountain, California, near Paso Robles in San Luis Obispo County). It had a great view, so I decided to work a few repeaters in the San Jouquin Valley, and then we both started getting headaches and a bit of eye strain. Yikes. This thing isn't exactly a 3watt cellular telephone.

Does anyone out there know how much power these things run, and at what frequency? I'd imagine a couple of Gigahertz, but I'm not sure exactly where.. We didn't have any florescent bulbs to do that type of field strength test :-), but I did notice the radar detector in my car (X and K bands only) was pegged in certain spots (not so much near the base, but when on another peak up high...no possibility of any police speed traps at this place). We noticed

someone was at the site (truck out front, looked like there was actually a living quarters there [two seperate buildings], and lights on inside with someone moving about that we could see through the curtains in the window). Are these things usually manned?

Respond via email, or post to the net if you think others would appreciate the info.

I thought about calling the FAA, but I'm not sure where I'd start to try and get this info (freq data, manned/unmanned, power output, etc). We thought about ringing the visitor bell, but it was late and we didn't want to get shot. :-)

-ks
KD6RCT

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The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNCHpad.unc.edu or 152.2.22.80

Date: Mon, 15 Feb 1993 03:37:14 GMT
From: rit!isc-newsserver!ultb!bad1679@cs.rochester.edu
Subject: ham.njit.edu
To: info-hams@ucsd.edu

I am looking for information on a new tech callsign (n1ogg). I searched the server at cs.buffallo.edu, which didn't contain any info on this call. I remmember using ham.njit.edu in the past but don't remmember what username and password I used for the callsign server. Could someone please mail me the info?

Thanks..

Bernie Nu1s

--

Electrical Engineering, Rochester Institute of Technology, Rochester, NY
Ax25 Packet: NU1S @ WB2PSI.#WNY.NY.USA.NOAM (normal packet route)
TCP/IP: nu1s@nu1s.ampr.org [44.69.0.37]
Internet (school): bad1679@ultb.isc.rit.edu

Date: 14 Feb 93 17:08:57 CST

From: usc!rpi!newsserver.pixel.kodak.com!laidbak!tellab5!obdient!amiserv!amiganet!
hjanssen@network.UCSD.EDU
Subject: Icom R1 Scanner for sale with goodies.
To: info-hams@ucsd.edu

For Sale:

European bought Icom R1 scanner, With BP-84 Battery pack,
Icom car light adapter, Carring pouch and manuals.

Asking : 390,-. (Which is pretty good since the R1 goes for
430,- without any extra's like i mentioned.)

Reason for selling is simple, the scanner is +/- 8 months old and has
been used maybe for 1 hour in that time.

Hank Janssen.
Ph: 708-620-7334.

Hank Janssen.

IT IS BETTER TO BURN OUT
THAN TO FADE AWAY.

EMAIL: hjanssen@amiganet.chi.il.us

Date: 15 Feb 93 08:28:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: Need help tuning TS690S
To: info-hams@ucsd.edu

I have a Kenwood TS690S. In different places, the spec for ht receiver is
given as 500KHz-30Mhz and 50MHz-54Mhz, and also as 500KHz-54MHz. The bottom
end may be wrong - it does not really matter.

I have in the past listened between 30 and 50 MHz (specifically to the
baby monitor we use, somewhere near 48-49MHz), but now I can not get the
receiver to tune anywhere in the 30-50 range - it always jumps past.

Does anyone knowwhat has changed, or what I am doing wrong. I have tried
manual tuning, scanning, direct frequency entry etc etc.

Any and all help appreciated. Thanks...

David Tock, Mathematical Sciences, University of Aberdeen, Scotland
e-mail: dit@uk.ac.aberdeen.maths ham: GM0SYA packet: @gb7cqy

Date: 13 Feb 1993 16:45:01 GMT
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!blackhole.delmarva.com!
mercury!scoggin@network.UCSD.EDU
Subject: QRP amplifier ---> shorting stick
To: info-hams@ucsd.edu

In article 25730@ke4zv.uucp, gary@ke4zv.uucp (Gary Coffman) writes:

```
.
>
> Yep, pot lines are serious electricity users. They do it with *big*
> buss bars. I am surprised that a piddling 90 MW took down a hydro
> plant though. I guess the short drew a *lot* more than 90 MW.
>
> Gary
>
> --
> Gary Coffman KE4ZV           | You make it,           | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it.         | uunet!rsiatl!ke4zv!gary
> 534 Shannon Way             | Guaranteed!          | emory!kd4nc!ke4zv!gary
> Lawrenceville, GA 30244      |                       |
```

You'de be surprised what a little "fault" can do... :-)

Many years ago, I was testing a transfer trip control circuit with an audio signal generator. Forgot to open up the bridging clips - 0000PS, opened up a 138KV breaker in the substation. Flickered lights in two counties...

(I've gotten a lot more careful since then!)

```
+-----+
|  John K. Scoggin, Jr.           Email: scoggin@delmarva.com   |
|  Supervisor, Network Operations   Phone: (302) 451-5200       |
|  Delmarva Power & Light Company   Fax:   (302) 451-5321      |
|  500 N. Wakefield Drive           NOC:   (800) 388-7076      |
|  Newark, DE 19714-6066           |
|  The opinions expressed are not those of Delmarva Power, simply the |
|  product of an over-active imagination...                       |
+-----+
```

Date: Mon, 15 Feb 93 07:57:13 GMT
From: mentor.cc.purdue.edu!noose.ecn.purdue.edu!en.ecn.purdue.edu!n9ljx@purdue.edu
Subject: RTTY Elmer needed
To: info-hams@ucsd.edu

I am needing some help getting into RTTY using HAMCOM and the associated hardware box. Is anybody else using this that can answer a few questions?

Thanks,
--scott
--

Scott Stambaugh - N9LJX internet: n9ljx@ecn.purdue.edu
Operations Supervisor, ADPC phone: 317 494 7946
Purdue University
West Lafayette, IN 47907-1061

Date: 15 Feb 93 04:57:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: TH-78A query
To: info-hams@ucsd.edu

Sorry - forgot that my return address was not automagically appended to my message - re my query about my Kenwood TH-78A 'beeping' in part of the aircraft band, if you think a direct reply is more suitable, I can be reached at
 menton1@ccf.nrl.navy.mil

Thanks for any replies.

- Bob KG3J

Date: Mon, 15 Feb 93 02:04:42 MST
From: cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!ve6mgs!rec-radio-info@beaver.cs.washington.edu
Subject: Welcome to rec.radio.info!
To: info-hams@ucsd.edu

Archive-name: radio/rec-radio-info/welcome
Last-modified: \$Date: 1993/02/14 09:17 \$
Version: \$Revision: 1.02 \$

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and

to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propagated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers and readers. Your local news guru could probably explain these features in more detail.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup

news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

- 1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.
- 2) Obvious discussion articles, or articles that appear unsubstantiated.
- 3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial

topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
sub address radio-info
unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

```
listserv@ucsd.edu
```

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

```
sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info
```

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:

- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotlampi <rko@cs.tut.fi>

saved to /pub/dx/text/rec.radio.info currently stored as
numbered files.

Effectively this means that anything you post to rec.radio.info will be
permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are
willing to take responsible people and provide them the means of posting the
articles directly from their site. We will try everything we can as we fully
realize that DX (distant signal) and astronomical data can be somewhat
transitory. We are also willing to allow regular posters of information the
same courtesy, even if the information is not as timely.

We refer to this as self-moderation, which is partly based on the model for
news.answer. This requires co-operation and good will to be beneficial to
the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to
suggestions.

I thank the following individuals for their input into this article:

The rec.music.info moderator ...

The rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us

Paul W. Schleck, KD3FU pschleck@unomaha.edu

Ian Kluff, KD6EUI ikluff@uts.amdahl.com

--

Mark Salzyn -- Moderator rec.radio.info

Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca

Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca

* Requests for information do *not* belong in rec.radio.info *

Date: Mon, 15 Feb 1993 09:10:27 GMT

From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!agate!iat.holonet.net!
bwilkins@network.UCSD.EDU

Subject: Yeasu FT-5100 questions

To: info-hams@ucsd.edu

n4tii@kd4nc.uucp (John Reed) writes:

: Well....I've been contemplating buying a Yeasu Ft-5100 dual band rig.

:

: Is this all true? Or does the 5100 also have cross band repeat capability?

: And if so, how is this accomplished?

| - - - - - |
| (PacketRadio: DL5ATP@DB0RSV.DEU.EURO) ex: Y32JK |
+-----+

End of Info-Hams Digest V93 #213
